

**DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IRON SULFIDES, PROCESSES FOR PRODUCING THE SAME, IRON SULFIDE MIXTURE, HEAVY METAL TREATING AGENT, AND METHOD OF TREATING WITH THE AGENT

the application of which

☒ is attached hereto

OR

☐ was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_, (Confirmation No. \_\_\_\_\_), and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s); or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)

P. 2001-019022

Country

Japan

Foreign Filing Date

26/January/2001

Priority Claimed

Yes No

☒

☐

I hereby claim domestic priority benefits under 35 United States Code §120 of any United States application(s), §119(e) of any United States provisional application(s), or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)

U.S. or International Filing Date

Status

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.



23373

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>				
Given Name (first and middle [if any])		Family Name or Surname		
Hajime		FUNAKOSHI		
Inventor's Signature			Date	
Hajime Funakoshi			January 21, 2002	
Residence: City	Shinnanyo-shi	State	Yamaguchi	Citizenship
			Japan	Japan
Mailing Address: 2-14-2, Kawasaki, Shinnanyo-shi, Yamaguchi, Japan				
<b>NAME OF SECOND INVENTOR:</b>				
Given Name (first and middle [if any])		Family Name or Surname		
Mitsuru		TAKAHASHI		
Inventor's Signature			Date	
Mitsuru Takahashi			January 21, 2002	
Residence: City	Shinnanyo-shi	State	Yamaguchi	Citizenship
			Japan	Japan
Mailing Address: 3-2-37, Daijin, shinnanyo-shi, Yamaguchi, Japan				
<b>NAME OF THIRD INVENTOR:</b>				
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature			Date	
Residence: City		State		Citizenship
Mailing Address:				
<b>NAME OF FOURTH INVENTOR:</b>				
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature			Date	
Residence: City		State		Citizenship
Mailing Address:				
<b>NAME OF FIFTH INVENTOR:</b>				
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature			Date	
Residence: City		State		Citizenship
Mailing Address:				

# Supplemental Priority Data Sheet

## Additional prior foreign applications:

Number	Country	Day/Month/Year Filed	Priority Claimed	
			Yes	No
P. 2001-056658	Japan	01/March/2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

## Additional provisional applications:

Application Number	Filing Date

## Additional U.S. applications:

Application Number	Filing Date	(Status: patented, pending, abandoned)

# ASSIGNMENT

Whereas, ~~we~~ Hajime FUNAKOSHI and Mitsuru TAKAHASHI,

both of Yamaguchi, Japan

hereinafter called assignor(s), have invented certain improvements in  
IRON SULFIDES, PROCESSES FOR PRODUCING THE SEME, IRON SULFIDE MIXTURE, HEAVY  
METAL TREATING AGENT, AND METHOD OF TREATING WITH THE AGENT  
and executed an application for Letters Patent of the United States of America therefor on

January 21, 2002

~~2001~~; and

Whereas, TOSOH CORPORATION of

4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi 746-8501 Japan

**FILED**

**MAY 22 2002**

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to  
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named  
assignee, its successors and assigns, the entire right, title and interest in the application and the  
invention disclosed therein for the United States of America, including the right to claim priority under  
35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any  
Letters Patent granted upon the invention set forth in the application to the assignee, its successors  
and assigns; and I/we will execute without further consideration all papers deemed necessary by the  
assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100  
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses  
(Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and  
application number of said application when known.

Date: January 21, 2002 s/ Hajime Funakoshi

Date: January 21, 2002 s/ Mitsuru Takahashi

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_